Attorney Docket No. 10010002-1

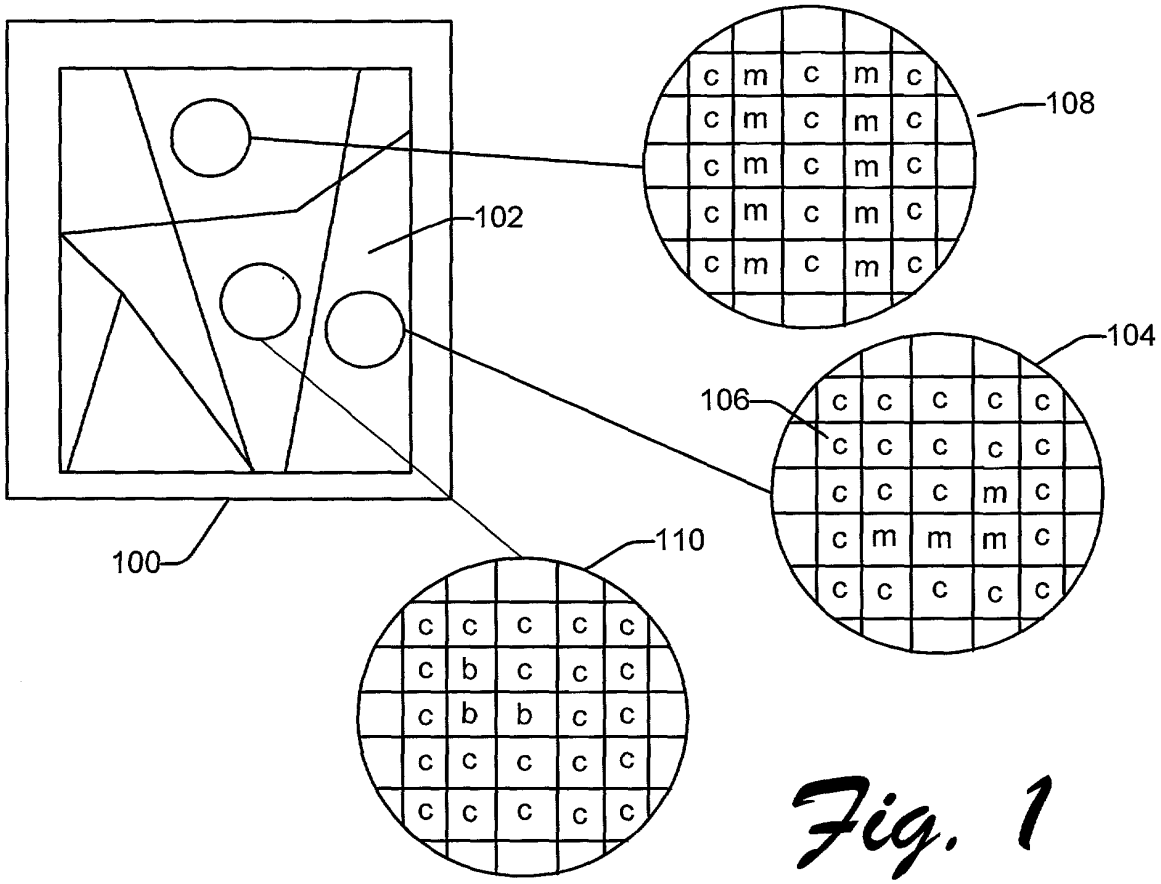

Fig. 1
Prior Art

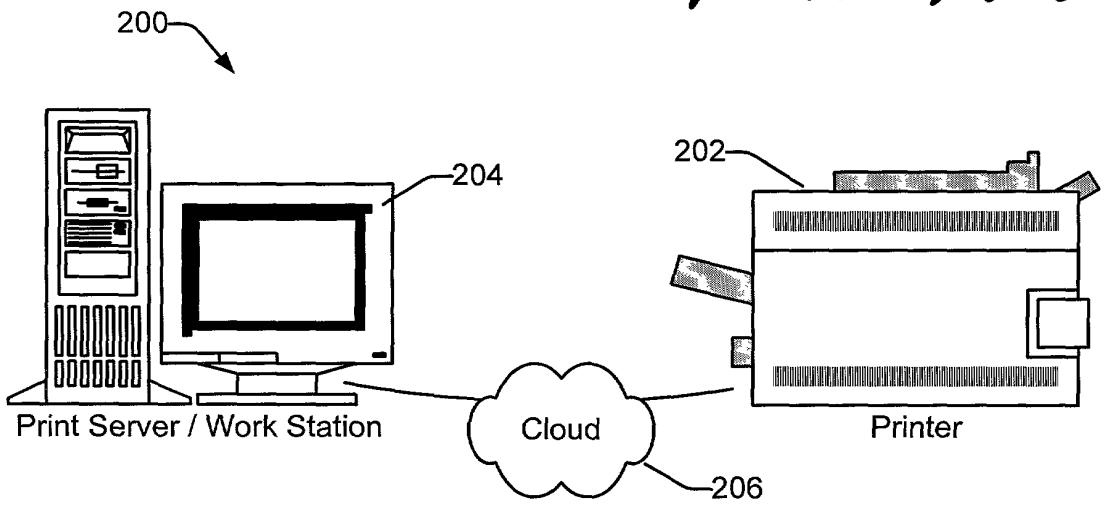

Fig. 2

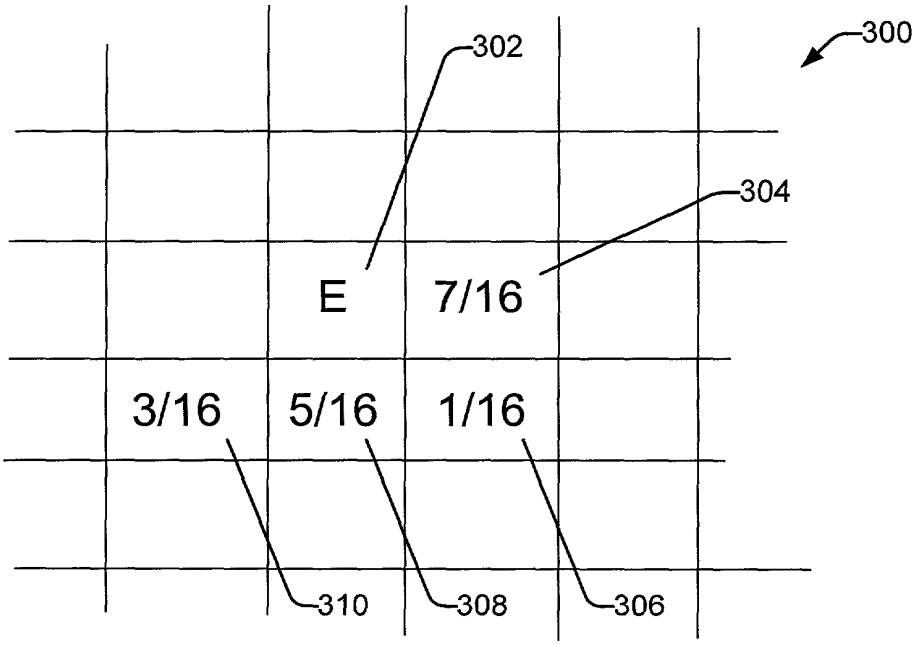
300
302
304
E
7/16
3/16
5/16
1/16
310
308
306

Fig. 3

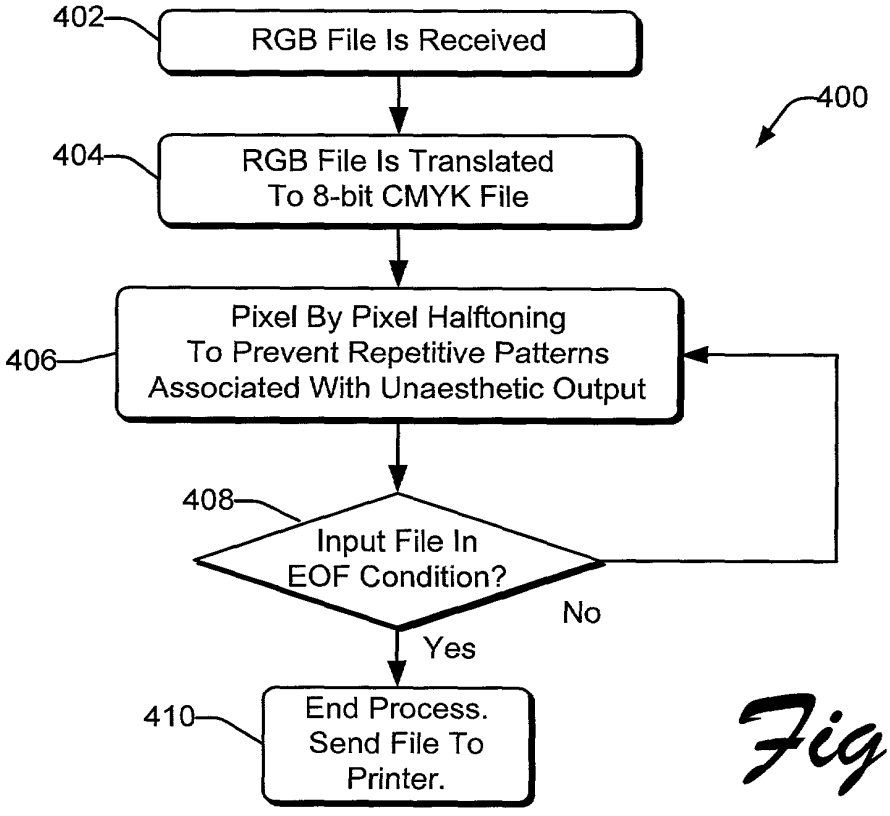
402
RGB File Is Received
400
404
RGB File Is Translated To 8-bit CMYK File
Pixel By Pixel Halftoning To Prevent Repetitive Patterns Associated With Unaesthetic Output
406
408
Input File In EOF Condition?
No
Yes
410
End Process. Send File To Printer.

Fig. 4

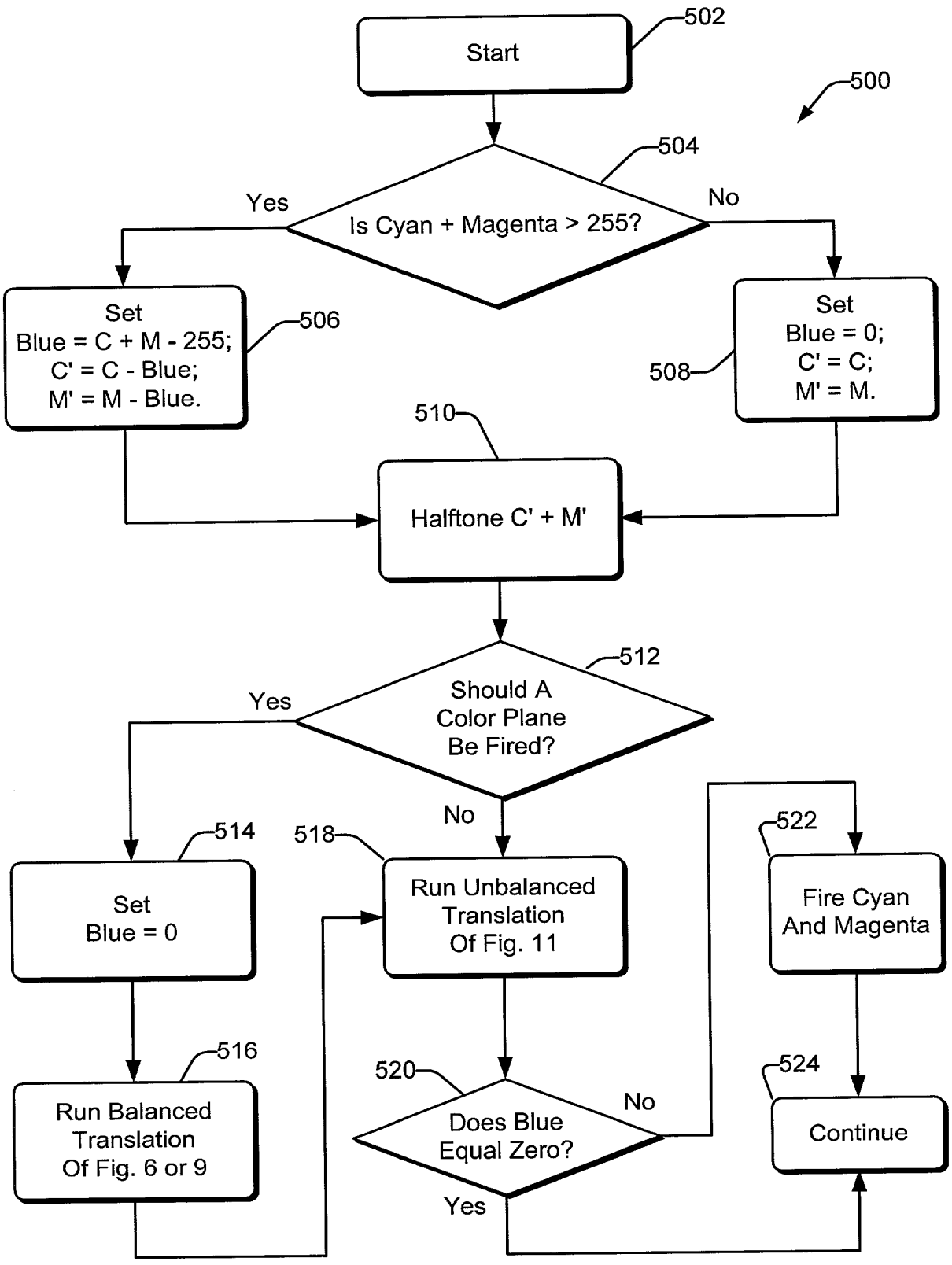

Fig. 5

Patent Application Publication

"Express Mail" Label No. EV339567850

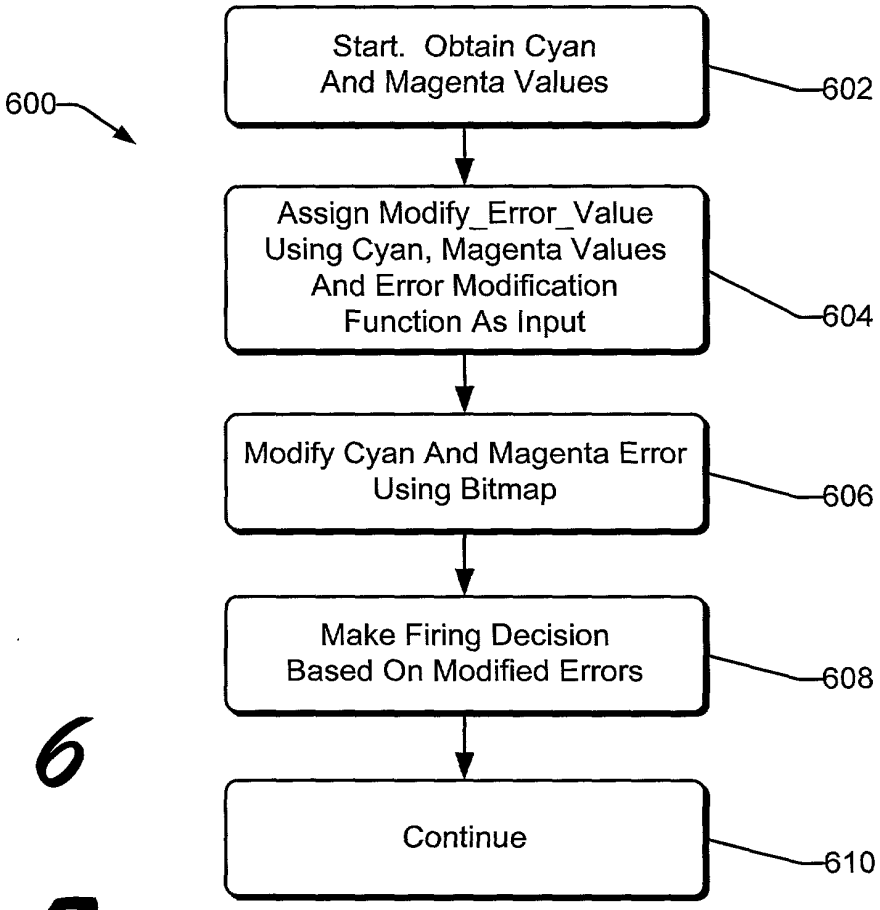

Fig. 6

Fig. 7

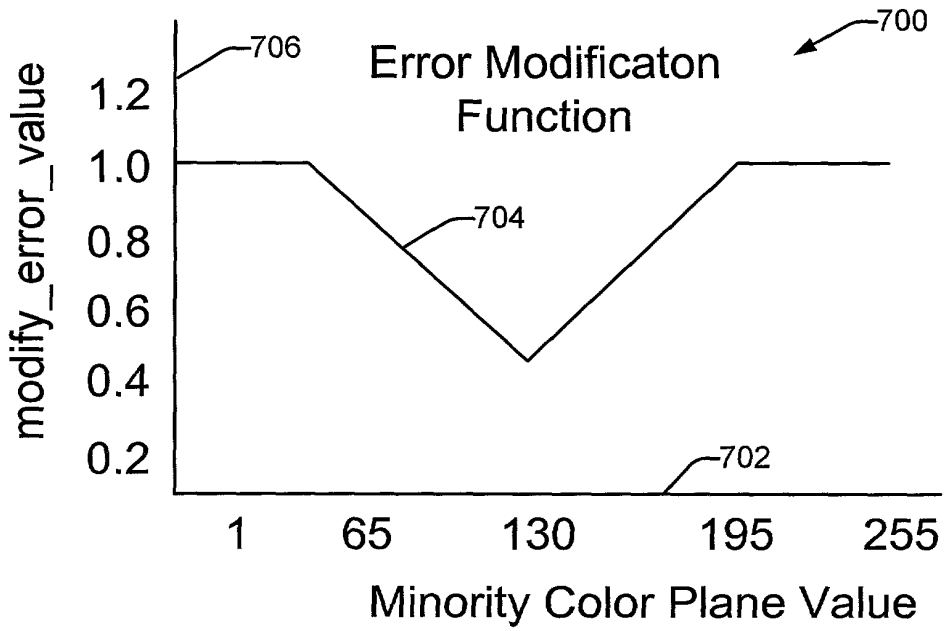

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Fig. 8

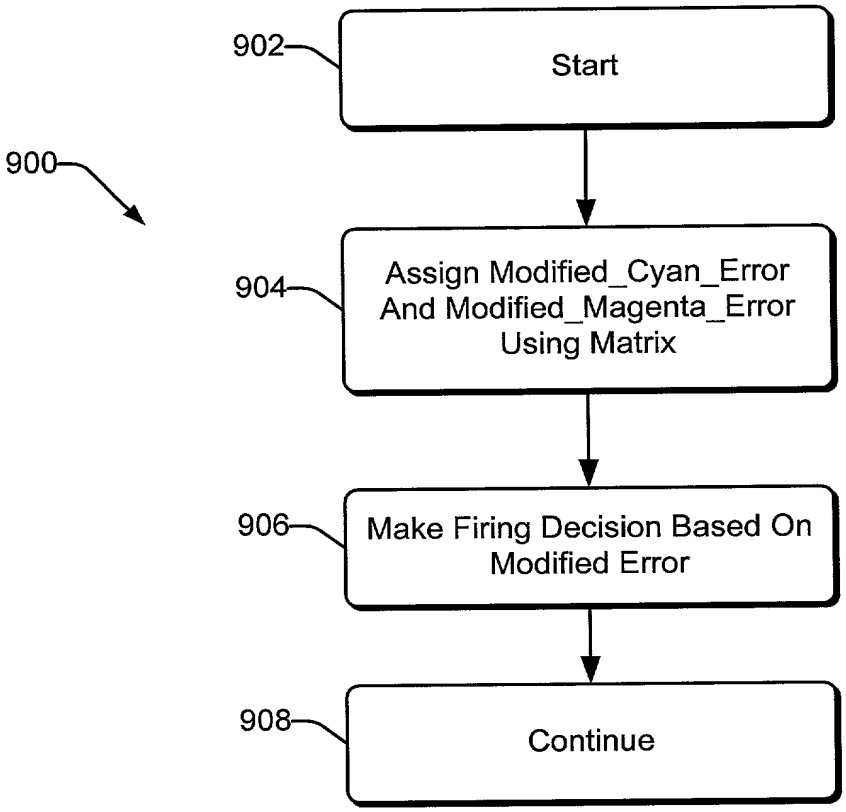

Fig. 9

20050007-US-NP

50	100	20	200	75	10
20	200	75	10	160	80
75	10	160	80	40	210
160	80	40	210	150	50
40	210	150	50	20	180

Fig. 10

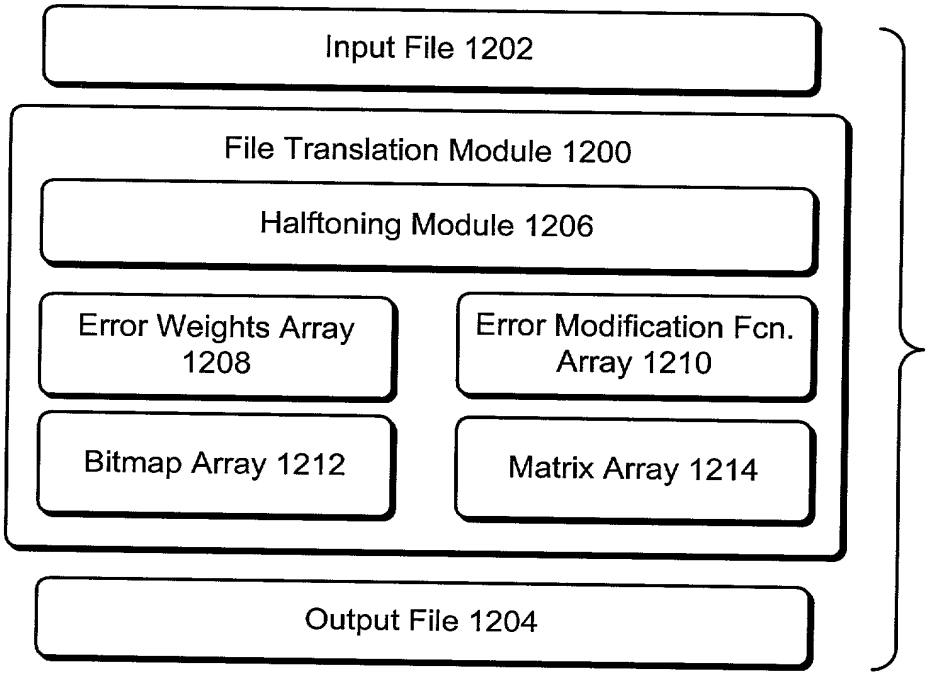

Fig. 12

Express Mail Label No. EV339939850US

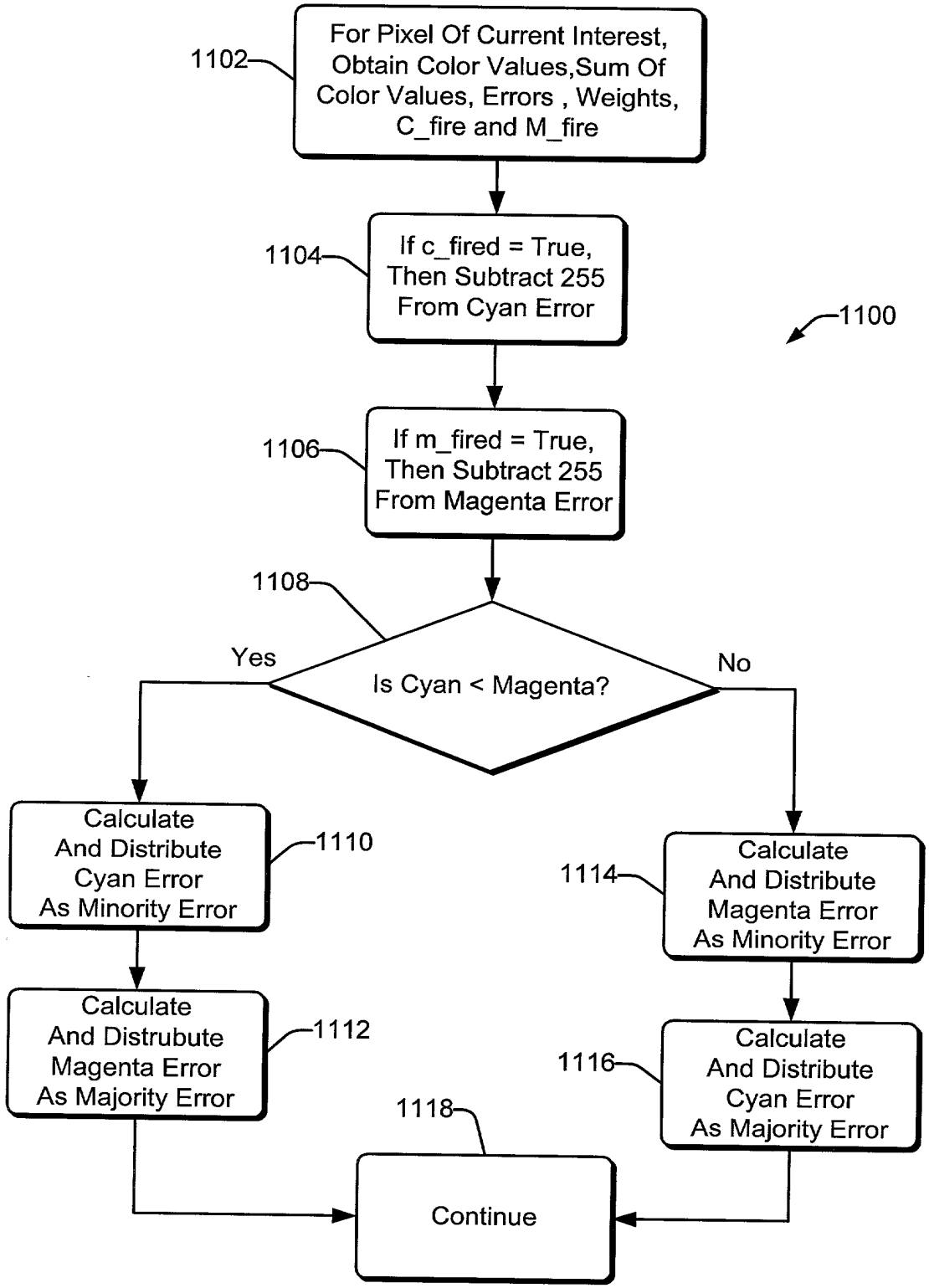
For Pixel Of Current Interest, Obtain Color Values,Sum Of Color Values, Errors , Weights, C_fire and M_fire
1102
If c_fired = True, Then Subtract 255 From Cyan Error
1104
1100
If m_fired = True, Then Subtract 255 From Magenta Error
1106
1108
Is Cyan < Magenta?
Yes
No
Calculate And Distribute Cyan Error As Minority Error
1110
Calculate And Distrubute Magenta Error As Majority Error
1112
Calculate And Distribute Magenta Error As Minority Error
1114
Calculate And Distribute Cyan Error As Majority Error
1116
Continue
1118

Fig. 11